

INTERNATIONAL SEARCH REPORT

International Application No

PC 03/10093

Rec'd PCT/PTO 11 MAR 2005

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G02F1/225 G02F1/035

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, IBM-TDB, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 813 092 A (SUMITOMO OSAKA CEMENT CO. LTD) 17 December 1997 (1997-12-17) column 2, line 1 - column 2, line 40; figures 1A, 1B	1
X	US 6 198 855 B1 (HUSSELL CHRIS ET AL) 6 March 2001 (2001-03-06) column 2, line 25 - column 8, line 9; figures 2, 3	1
X	WO 96/36901 A (INTEGRATED OPTICAL COMPONENTS ; DONNELL ADRIAN CHARLES O (GB)) 21 November 1996 (1996-11-21) page 8, line 10 - page 9, line 30; figures 1A-2B	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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"P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

10 February 2004

Date of mailing of the international search report

19/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	NOGUCHI K ET AL: "MILLIMETER-WAVE TI:LINBO3 OPTICAL MODULATORS" JOURNAL OF LIGHTWAVE TECHNOLOGY, IEEE. NEW YORK, US, vol. 16, no. 4, 1 April 1998 (1998-04-01), pages 615-619, XP000768968 ISSN: 0733-8724 the whole document	1-10
A	TSUTOMU KITO ET AL: "MODELING AND DESIGN OF TI:LINBO3 OPTICAL MODULATOR ELECTRODES WITH A BUFFER LAYER" ELECTRONICS & COMMUNICATIONS IN JAPAN, PART II - ELECTRONICS, SCRIPTA TECHNICA. NEW YORK, US, vol. 76, no. 1, 1993, pages 25-33, XP000395402 ISSN: 8756-663X the whole document	1-10

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0813092	A	17-12-1997	JP 2793562 B2	03-09-1998
			JP 10003065 A	06-01-1998
			JP 2801894 B2	21-09-1998
			JP 10048583 A	20-02-1998
			JP 2801900 B2	21-09-1998
			JP 10133158 A	22-05-1998
			CA 2207715 A1	14-12-1997
			EP 0813092 A1	17-12-1997
			US 5748358 A	05-05-1998
US 6198855	B1	06-03-2001	US 5895742 A	20-04-1999
			AU 4240600 A	02-11-2000
			CA 2368726 A1	26-10-2000
			EP 1171796 A1	16-01-2002
			JP 2002542511 T	10-12-2002
			WO 0063743 A1	26-10-2000
			EP 0819969 A2	21-01-1998
			JP 10068914 A	10-03-1998
WO 9636901	A	21-11-1996	EP 0827598 A2	11-03-1998
			WO 9636901 A2	21-11-1996
			GB 2315129 A, B	21-01-1998
			JP 11505337 T	18-05-1999
			US 6052496 A	18-04-2000